



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

E. G. Colgan et al.

Serial No.: 08/999,663

Filed: December 18, 1997

For: A REFLECTIVE SPATIAL LIGHT ARRAY HAVING A REFLECTION/ABSORBING LAYER PROVIDING SHIELDING FOR UNDERLYING DEVICES

Assistant Commissioner for Patents
Washington, D. C. 20231

Date: December 6, 2002

Group Art Unit: 2871

Examiner: K. Parker

Docket No.: YO994-065XX

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RESPONSE TO OFFICE LETTER DATED NOVEMBER 6, 2002

Sir:

In response to Office Letter dated November 6, 2002, please consider the following:

IN THE SPECIFICATION

Add the following paragraph at page 6, before heading "Description of the Preferred Embodiments".

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Fig. 18 schematically shows a preferred embodiment of layer 34 of Fig. 1.

Amend the paragraph at the top of page 18 as follows: _____

The reflector/absorber layer 34 is formed by sputter deposition of 10 nm Ti, 100 nm Al(Cu), and 50 nm TiN and patterning by reactive ion etching (RIE). Layer 34 is preferably comprised of layers 92, 93 and 94 as schematically shown in Fig. 18. The bottom Ti layer 92 which is part of layer 34 shown in FIG. 7 is used for improved adhesion and contact resistance, a top or surface TiN layer 94 which is part of layer 34 shown in FIG. 7 is used as an antireflection coating, the bulk of the metallization is